

PLVS 5-11-04

**Butler, Douglas**

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**From:** PLUS  
**Sent:** Tuesday, May 11, 2004 9:11 AM  
**To:** Butler, Douglas  
**Subject:** PLUS Results for 10722938

Here are the PLUS search results for 10722938.

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10722938\_QUAL.txt



10722938\_LIST.txt



10722938\_WEST.txt



10722938\_EAST.txt



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10722938\_CLSTITLES.t



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10722938\_LIST

PLUS Search Results for S/N 10722938, Searched May 11, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

4357055	5002164	4318272
5014514	5005465	4325218
4346943	5195419	4337690
4285199	5226312	4347779
4312380	5226347	4354423
4489555	5267479	4364231
5067779	5275265	4364305
5725289	5339069	4368661
5868167	5367941	4378864
4400943	5367942	4395883
4330996	5460076	4399736
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4815293	4287968	4598548
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4611858) .pn.

10722938\_CLS

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10722938 on May 11, 2004

Original Classifications

14	60/547.1
12	91/369.2
6	188/52
5	92/63
4	60/533
4	60/554
4	74/512
4	91/369.4
4	91/376R
4	303/114.3
3	91/369.1
3	188/170
2	60/550
2	60/552
2	91/369.3
2	92/129
2	188/67
2	188/71.9
2	188/72.7

Cross-Reference Classifications

25	91/376R
10	91/369.2
8	60/547.1
8	92/169.4
7	92/63
7	92/98D
6	60/562
6	60/581
5	60/554
5	91/369.1
5	91/391R
4	60/545
4	92/165PR
4	92/48
4	137/627.5
4	188/1.11R
4	188/265
3	60/588
3	92/130A
3	92/169.3
3	92/24
3	92/29
3	92/98R
3	188/170
3	188/356
3	303/114.1
3	303/52
3	303/71
2	60/547.3
2	60/548
2	60/552
2	60/567
2	60/582

2 60/585  
2 60/594  
2 74/110  
2 74/512  
2 74/538  
2 91/434  
2 92/107  
2 92/128  
2 92/129  
2 92/13  
2 92/13.41  
2 92/161  
2 92/64  
2 92/82  
2 92/99  
2 180/333  
2 188/1.11E  
2 188/1.11W  
2 188/196BA  
2 188/196D  
2 188/196V  
2 188/219.1  
2 188/343  
2 188/345  
2 188/67  
2 188/72.8  
2 188/77W  
2 192/111A  
2 303/113.4  
2 303/22.1  
2 303/89

## Combined Classifications

29 91/376R  
22 60/547.1  
22 91/369.2  
12 92/63  
9 60/554  
8 91/369.1  
8 92/169.4  
8 92/98D  
7 60/581  
6 60/562  
6 74/512  
6 91/391R  
6 188/170  
6 188/52  
5 60/545  
5 91/369.4  
5 92/48  
5 137/627.5  
5 303/114.3  
4 60/533  
4 60/552  
4 92/129  
4 92/165PR  
4 92/29  
4 188/1.11R  
4 188/265

4 188/356  
4 188/67  
4 303/114.1  
4 303/52  
3 60/548  
3 60/585  
3 60/588  
3 91/369.3  
3 92/130A  
3 92/169.3  
3 92/24  
3 92/98R  
3 188/72.7  
3 303/113.4  
3 303/71  
3 303/89  
2 60/547.3  
2 60/550  
2 60/553  
2 60/567  
2 60/582  
2 60/594  
2 74/110  
2 74/535  
2 74/538  
2 91/434  
2 92/107  
2 92/128  
2 92/13  
2 92/13.41  
2 92/161  
2 92/64  
2 92/82  
2 92/99  
2 137/625.65  
2 180/333  
2 188/1.11E  
2 188/1.11W  
2 188/153R  
2 188/195  
2 188/196BA  
2 188/196D  
2 188/196V  
2 188/219.1  
2 188/343  
2 188/345  
2 188/71.9  
2 188/72.8  
2 188/74  
2 188/77W  
2 192/111A  
2 303/114.2  
2 303/119.2  
2 303/15  
2 303/22.1  
2 303/9.76

## 10722938 CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned  
 From A Search of 10722938 on May 11, 2004

29 91/376R (4 OR, 25 XR)  
 Class 091 : MOTORS: EXPANSIBLE CHAMBER TYPE  
 91/358R WORKING MEMBER POSITION FEEDBACK TO MOTIVE  
 FLUID CONTROL  
 91/368 .Follower type  
 91/374 ..Plural movable valve parts  
 91/376R ...One movable part unitary with working member

22 60/547.1 (14 OR, 8 XR)  
 Class 060 : POWER PLANTS  
 60/325 PRESSURE FLUID SOURCE AND MOTOR  
 60/533 .Pulsator  
 60/547.1 ..With control of or by a separate power fluid,  
 etc.

22 91/369.2 (12 OR, 10 XR)  
 Class 091 : MOTORS: EXPANSIBLE CHAMBER TYPE  
 91/358R WORKING MEMBER POSITION FEEDBACK TO MOTIVE  
 FLUID CONTROL  
 91/368 .Follower type  
 91/369.1 ..With relatively movable working and output  
 members reacting on input member  
 91/369.2 ...Rubber block reaction means

12 92/63 (5 OR, 7 XR)  
 Class 092 : EXPANSIBLE CHAMBER DEVICES  
 92/61 RELATIVELY MOVABLE WORKING MEMBERS  
 92/62 .First working member moves second coaxial  
 working member through separating abutment surfaces  
 92/63 ..With separate biasing means for a working  
 member

9 60/554 (4 OR, 5 XR)  
 Class 060 : POWER PLANTS  
 60/325 PRESSURE FLUID SOURCE AND MOTOR  
 60/533 .Pulsator  
 60/547.1 ..With control of or by a separate power fluid,  
 etc.  
 60/552 ...Mechanical feedback to manual control  
 controls power fluid to establish position of working  
 member of master  
 60/554 ....Having load deformable means between master  
 working member and motor thrust means adjusting bias of  
 manual control

8 91/369.1 (3 OR, 5 XR)  
 Class 091 : MOTORS: EXPANSIBLE CHAMBER TYPE  
 91/358R WORKING MEMBER POSITION FEEDBACK TO MOTIVE  
 FLUID CONTROL  
 91/368 .Follower type  
 91/369.1 ..With relatively movable working and output  
 members reacting on input member

8 92/169.4 (0 OR, 8 XR)

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Class 092 : EXPANSIBLE CHAMBER DEVICES

92/169.1 CYLINDER DETAIL

92/169.2 .With reinforcing member

92/169.3 ..Extending through working member

92/169.4 ...Coaxial sleeve or tube

8 92/98D (1 OR, 7 XR)

Class 092 : EXPANSIBLE CHAMBER DEVICES

92/89 COLLAPSIBLE CHAMBER WALL PORTION (E.G., HINGED  
OR FLEXIBLE WALL)

92/90 .Wall portion formed of flexible material

92/96 ..Diaphragm type

92/98R ...Entire periphery secured to rigid working  
chamber forming wall

92/98D ....Rolling diaphragm

7 60/581 (1 OR, 6 XR)

Class 060 : POWER PLANTS

60/325 PRESSURE FLUID SOURCE AND MOTOR

60/533 .Pulsator

60/581 ..Plural structurally related master pistons,  
cylinders or pulsator circuits

6 60/562 (0 OR, 6 XR)

Class 060 : POWER PLANTS

60/325 PRESSURE FLUID SOURCE AND MOTOR

60/533 .Pulsator

60/562 ..Master piston of one pulsator circuit drives  
master piston of a parallel circuit through a resilient,  
fluid or lost motion connection

6 74/512 (4 OR, 2 XR)

Class 074 : MACHINE ELEMENT OR MECHANISM

74/469 CONTROL LEVER AND LINKAGE SYSTEMS

74/512 .Foot operated

6 91/391R (1 OR, 5 XR)

Class 091 : MOTORS: EXPANSIBLE CHAMBER TYPE

91/391R WITH ALTERNATIVE MANUAL ACTUATION OF LOAD

6 188/170 (3 OR, 3 XR)

Class 188 : BRAKES

188/381 FRICTIONAL VIBRATION DAMPER

188/166 .Spring

188/170 ..Fluid-pressure release

6 188/52 (6 OR, 0 XR)

Class 188 : BRAKES

188/2R VEHICLE

188/33 .Railway

188/52 ..Four wheel spreading

5 60/545 (1 OR, 4 XR)

Class 060 : POWER PLANTS

60/325 PRESSURE FLUID SOURCE AND MOTOR

60/533 .Pulsator

60/545 ..Having electricity or magnetically operated  
structure

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5 91/369.4 (4 OR, 1 XR)  
Class 091 : MOTORS: EXPANSIBLE CHAMBER TYPE  
91/358R WORKING MEMBER POSITION FEEDBACK TO MOTIVE  
FLUID CONTROL  
91/368 .Follower type  
91/369.1 ..With relatively movable working and output  
members reacting on input member  
91/369.4 ...Lever reaction means

5 92/48 (1 OR, 4 XR)  
Class 092 : EXPANSIBLE CHAMBER DEVICES  
92/48 PLURAL FLEXIBLE WALL WORKING MEMBERS

5 137/627.5 (1 OR, 4 XR)  
Class 137 : FLUID HANDLING  
137/561R SYSTEMS  
137/627.5 .Sequentially closing and opening alternately  
seating flow controllers

5 303/114.3 (4 OR, 1 XR)  
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
303/121 SPEED-CONTROLLED  
303/113.1 .Having a valve system responsive to a wheel  
lock signal  
303/114.3 ..Including pneumatic power booster

4 60/533 (4 OR, 0 XR)  
Class 060 : POWER PLANTS  
60/325 PRESSURE FLUID SOURCE AND MOTOR  
60/533 .Pulsator

4 60/552 (2 OR, 2 XR)  
Class 060 : POWER PLANTS  
60/325 PRESSURE FLUID SOURCE AND MOTOR  
60/533 .Pulsator  
60/547.1 ..With control of or by a separate power fluid,  
etc.  
60/552 ...Mechanical feedback to manual control  
controls power fluid to establish position of working  
member of master

4 92/129 (2 OR, 2 XR)  
Class 092 : EXPANSIBLE CHAMBER DEVICES  
92/129 ABUTMENT CONNECTION BETWEEN WORKING MEMBER AND  
POWER TRANSMISSION ELEMENT

4 92/165PR (0 OR, 4 XR)  
Class 092 : EXPANSIBLE CHAMBER DEVICES  
92/165R WITH GUIDE OR SEAL ON CYLINDER END PORTION FOR  
PISTON OR MEMBER MOVED BY PISTON  
92/165PR .Prevent rotation

4 92/29 (1 OR, 3 XR)  
Class 092 : EXPANSIBLE CHAMBER DEVICES  
92/29 WITH RELEASEABLE LATCH MEANS BETWEEN WORKING  
MEMBER AND POWER TRANSMISSION ELEMENT AXIALLY SLIDABLE  
THEREIN

4 188/1.11R (0 OR, 4 XR)

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Class 188 : BRAKES  
188/1.11R WITH CONDITION INDICATOR

4 188/265 (0 OR, 4 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/265 .Locks

4 188/356 (1 OR, 3 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/151R .Fluid pressure  
188/152 ..Road vehicle  
188/355 ...With nonmanual fluid-power source  
188/356 ....Vacuum power

4 188/67 (2 OR, 2 XR)  
Class 188 : BRAKES  
188/67 ROD

4 303/114.1 (1 OR, 3 XR)  
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
303/121 SPEED-CONTROLLED  
303/113.1 .Having a valve system responsive to a wheel lock signal  
303/114.1 ..Including hydraulic power booster

4 303/52 (1 OR, 3 XR)  
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
303/50 MOTORMAN'S VALVES  
303/52 .Multiple motors

3 60/548 (1 OR, 2 XR)  
Class 060 : POWER PLANTS  
60/325 PRESSURE FLUID SOURCE AND MOTOR  
60/533 .Pulsator  
60/547.1 ..With control of or by a separate power fluid, etc.  
60/548 ...Flow in recirculating circuit controlled

3 60/585 (1 OR, 2 XR)  
Class 060 : POWER PLANTS  
60/325 PRESSURE FLUID SOURCE AND MOTOR  
60/533 .Pulsator  
60/585 ..Holder for reserve liquid feeds master

3 60/588 (0 OR, 3 XR)  
Class 060 : POWER PLANTS  
60/325 PRESSURE FLUID SOURCE AND MOTOR  
60/533 .Pulsator  
60/585 ..Holder for reserve liquid feeds master  
60/588 ...Master piston traps liquid on advance across a feed port in cylinder wall

3 91/369.3 (2 OR, 1 XR)  
Class 091 : MOTORS: EXPANSIBLE CHAMBER TYPE  
91/358R WORKING MEMBER POSITION FEEDBACK TO MOTIVE FLUID CONTROL  
91/368 .Follower type

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91/369.1 .With relatively movable working and output members reacting on input member

91/369.2 ...Rubber block reaction means

91/369.3 ....And transverse valve key

3 92/130A (0 OR, 3 XR)  
Class 092 : EXPANSIBLE CHAMBER DEVICES  
92/130R WITH SEPARATE BIASING MEANS FOR WORKING MEMBER

92/130A .Bias normally held inoperative by fluid pressure

3 92/169.3 (0 OR, 3 XR)  
Class 092 : EXPANSIBLE CHAMBER DEVICES  
92/169.1 CYLINDER DETAIL  
92/169.2 .With reinforcing member  
92/169.3 ..Extending through working member

3 92/24 (0 OR, 3 XR)  
Class 092 : EXPANSIBLE CHAMBER DEVICES  
92/15 WITH RELEASABLE STOP OR LATCH MEANS TO PREVENT MOVEMENT OF WORKING MEMBER  
92/23 .Means includes element interfitting between working member and fixed part  
92/24 ..Element actuated or retained in operative position by relatively movable fluid responsive member

3 92/98R (0 OR, 3 XR)  
Class 092 : EXPANSIBLE CHAMBER DEVICES  
92/89 COLLAPSIBLE CHAMBER WALL PORTION (E.G., HINGED OR FLEXIBLE WALL)  
92/90 .Wall portion formed of flexible material  
92/96 ..Diaphragm type  
92/98R ...Entire periphery secured to rigid working chamber forming wall

3 188/72.7 (2 OR, 1 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing therefor  
188/72.1 ..With means for actuating brake element  
188/72.7 ...By inclined surface (e.g., wedge, cam or screw)

3 303/113.4 (1 OR, 2 XR)  
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
303/121 SPEED-CONTROLLED  
303/113.1 .Having a valve system responsive to a wheel lock signal  
303/113.4 ..Including a stroke sensor

3 303/71 (0 OR, 3 XR)  
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
303/50 MOTORMAN'S VALVES  
303/68 .Motor  
303/71 ..Fluid-pressure retracting

3 303/89 (1 OR, 2 XR)

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Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
303/89 LOCKS

2 60/547.3 (0 OR, 2 XR)  
Class 060 : POWER PLANTS  
60/325 PRESSURE FLUID SOURCE AND MOTOR  
60/533 .Pulsator  
60/547.1 ..With control of or by a separate power fluid,  
etc.  
60/547.3 ...By manually operated valve dividing flow  
between motor and an auxiliary load

2 60/550 (2 OR, 0 XR)  
Class 060 : POWER PLANTS  
60/325 PRESSURE FLUID SOURCE AND MOTOR  
60/533 .Pulsator  
60/547.1 ..With control of or by a separate power fluid,  
etc.  
60/550 ...Master driven by manual power control lever  
on power failure and having means adjusting lever throw o  
r  
master resistance responsive to failure of power fluid  
supply

2 60/553 (1 OR, 1 XR)  
Class 060 : POWER PLANTS  
60/325 PRESSURE FLUID SOURCE AND MOTOR  
60/533 .Pulsator  
60/547.1 ..With control of or by a separate power fluid,  
etc.  
60/552 ...Mechanical feedback to manual control  
controls power fluid to establish position of working  
member of master  
60/553 ....With distinct piston or diaphragm exposed  
to pulsator pressure imparting feel to manual control

2 60/567 (0 OR, 2 XR)  
Class 060 : POWER PLANTS  
60/325 PRESSURE FLUID SOURCE AND MOTOR  
60/533 .Pulsator  
60/567 ..Including plural separately operable master  
actuators or master units driving a common slave

2 60/582 (0 OR, 2 XR)  
Class 060 : POWER PLANTS  
60/325 PRESSURE FLUID SOURCE AND MOTOR  
60/533 .Pulsator  
60/582 ..Having safety standby structure becoming  
operative upon apparatus malfunction

2 60/594 (0 OR, 2 XR)  
Class 060 : POWER PLANTS  
60/325 PRESSURE FLUID SOURCE AND MOTOR  
60/533 .Pulsator  
60/594 ..Having cam, or lever system driving master

2 74/110 (0 OR, 2 XR)  
Class 074 : MACHINE ELEMENT OR MECHANISM  
74/840 ROTARY DRIVEN DEVICE ADJUSTABLE DURING

10722938\_CLSTITLES  
OPERATION RELATIVE TO ITS SUPPORTING STRUCTURE  
74/110 .Reciprocating to reciprocating

2 74/535 (1 OR, 1 XR)  
Class 074 : MACHINE ELEMENT OR MECHANISM  
74/469 CONTROL LEVER AND LINKAGE SYSTEMS  
74/516 .Variable output force  
74/527 ..Detents  
74/533 ...Lever engaging rack  
74/535 ....Lever carried pawl

2 74/538 (0 OR, 2 XR)  
Class 074 : MACHINE ELEMENT OR MECHANISM  
74/469 CONTROL LEVER AND LINKAGE SYSTEMS  
74/516 .Variable output force  
74/527 ..Detents  
74/533 ...Lever engaging rack  
74/537 ....Finger lever release  
74/538 ....Slidable

2 91/434 (0 OR, 2 XR)  
Class 091 : MOTORS: EXPANSIBLE CHAMBER TYPE  
91/418 WITH MOTIVE FLUID VALVE  
91/433 .Both inlet and exhaust controlled by motive  
fluid pressure in supply line or chamber  
91/434 ..With manual valve actuating means responsive  
to motive fluid pressure (e.g., "feel")

2 92/107 (0 OR, 2 XR)  
Class 092 : EXPANSIBLE CHAMBER DEVICES  
92/107 ANNULAR WORKING MEMBER OR ANNULAR LINEARLY  
EXTENDING CHAMBER THEREFOR

2 92/128 (0 OR, 2 XR)  
Class 092 : EXPANSIBLE CHAMBER DEVICES  
92/128 WITH ASSEMBLY OR DISASSEMBLY FACILITATING MEANS

2 92/13 (0 OR, 2 XR)  
Class 092 : EXPANSIBLE CHAMBER DEVICES  
92/12.1 DISPLACEMENT CONTROL OF PLURAL CYLINDERS  
ARRANGED IN PARALLEL, RADIAL, OR CONICAL RELATIONSHIP W  
ITH  
92/12.2 ROTARY TRANSMISSION AXIS  
92/13 .Parallel cylinders  
92/13 ..WITH ADJUSTABLE MEANS TO VARY STROKE OF  
WORKING MEMBER

2 92/13.41 (0 OR, 2 XR)  
Class 092 : EXPANSIBLE CHAMBER DEVICES  
92/12.1 DISPLACEMENT CONTROL OF PLURAL CYLINDERS  
ARRANGED IN PARALLEL, RADIAL, OR CONICAL RELATIONSHIP W  
ITH  
92/13.4 ROTARY TRANSMISSION AXIS  
92/13.4 .Predetermined discrete incremental adjustment  
positions  
92/13.41 ..Adjustment by assembly or disassembly

2 92/161 (0 OR, 2 XR)

Class 092 : EXPANSIBLE CHAMBER DEVICES  
92/161 WITH SUPPORT OR FRAME (146)

2 92/64 (0 OR, 2 XR)  
Class 092 : EXPANSIBLE CHAMBER DEVICES  
92/61 RELATIVELY MOVABLE WORKING MEMBERS  
92/64 .One a flexible wall type

2 92/82 (0 OR, 2 XR)  
Class 092 : EXPANSIBLE CHAMBER DEVICES  
92/82 WITH MEANS TO CONTROL FLUID FLOW FROM  
NON-WORKING CHAMBER

2 92/99 (0 OR, 2 XR)  
Class 092 : EXPANSIBLE CHAMBER DEVICES  
92/89 COLLAPSIBLE CHAMBER WALL PORTION (E.G., HINGED  
OR FLEXIBLE WALL)  
92/90 .Wall portion formed of flexible material  
92/96 ..Diaphragm type  
92/98R ...Entire periphery secured to rigid working  
chamber forming wall  
92/99 ....With undistortable member secured to  
central portion of diaphragm

2 137/625.65 (1 OR, 1 XR)  
Class 137 : FLUID HANDLING  
137/561R SYSTEMS  
137/625 .Multi-way valve unit  
137/625.2 ..Supply and exhaust  
137/625.65 ...Motor-operated

2 180/333 (0 OR, 2 XR)  
Class 180 : MOTOR VEHICLES  
180/315 MANUALLY ACTUATED CONTROLLING DEVICES  
180/333 .Multiple vehicle functions controllable by  
single device

2 188/1.11E (0 OR, 2 XR)  
Class 188 : BRAKES  
188/1.11R WITH CONDITION INDICATOR  
188/1.11E .Electrical

2 188/1.11W (0 OR, 2 XR)  
Class 188 : BRAKES  
188/1.11R WITH CONDITION INDICATOR  
188/1.11W .Wear

2 188/153R (1 OR, 1 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/151R .Fluid pressure  
188/153R ..Rail vehicle

2 188/195 (1 OR, 1 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/195 .Load

2 188/196BA (0 OR, 2 XR)

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Class 188 : BRAKES  
188/381 FRictional vibration damper  
188/196R .Slack  
188/196B ..Ratchet  
188/196BA ...Rotatable

2 188/196D (0 OR, 2 XR)  
Class 188 : BRAKES  
188/381 FRictional vibration damper  
188/196R .Slack  
188/196D ..Frictional rotation

2 188/196V (0 OR, 2 XR)  
Class 188 : BRAKES  
188/381 FRictional vibration damper  
188/196R .Slack  
188/196V ..Screw, shim or cam

2 188/219.1 (0 OR, 2 XR)  
Class 188 : BRAKES  
188/381 FRictional vibration damper  
188/219.1 ..Beams or beam assemblies

2 188/343 (0 OR, 2 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/74 ..Transversely movable  
188/78 ..Expanding  
188/343 ...Wedge operator

2 188/345 (0 OR, 2 XR)  
Class 188 : BRAKES  
188/381 FRictional vibration damper  
188/151R .Fluid pressure  
188/152 ..Road vehicle  
188/345 ...With multiple master cylinders

2 188/71.9 (2 OR, 0 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 ..Axially movable brake element or housing  
therefor  
188/71.7 ..With means to adjust for wear of brake  
188/71.8 ...Self-adjusting means  
188/71.9 ....Including unidirectionally rotating screw

2 188/72.8 (0 OR, 2 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 ..Axially movable brake element or housing  
therefor  
188/72.1 ..With means for actuating brake element  
188/72.7 ...By inclined surface (e.g., wedge, cam or  
screw)  
188/72.8 ....Screw or helical cam

2 188/74 (1 OR, 1 XR)  
Class 188 : BRAKES

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188/67 ROD  
188/74 .Transversely movable

2 188/77W (0 OR, 2 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/74 .Transversely movable  
188/77R ..Strap  
188/77W ...Wrap band type

2 192/111A (0 OR, 2 XR)  
Class 192 : CLUTCHES AND POWER-STOP CONTROL  
192/30R CLUTCHES  
192/111R .Wear compensators  
192/111A ..Automatic wear compensators

2 303/114.2 (1 OR, 1 XR)  
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
303/121 SPEED-CONTROLLED  
303/113.1 .Having a valve system responsive to a wheel  
lock signal  
303/114.1 ..Including hydraulic power booster  
303/114.2 ...Parallel boosters

2 303/119.2 (1 OR, 1 XR)  
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
303/121 SPEED-CONTROLLED  
303/113.1 .Having a valve system responsive to a wheel  
lock signal  
303/119.1 ..System controlled by solenoid valve  
303/119.2 ...System solenoid valve detail

2 303/15 (1 OR, 1 XR)  
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
303/13 MULTIPLE CONTROL  
303/15 .Fluid and electric

2 303/22.1 (0 OR, 2 XR)  
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
303/22.1 LOAD CONTROL

2 303/9.76 (1 OR, 1 XR)  
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
303/5 MULTIPLE FLUID-RECEIVING DEVICES  
303/6.01 .Multiple motors  
303/9.76 ..Spring operated motor